IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1.   (CURRENTLY AMENDED) A method of scanning a document to generate image data of the document using a multi-functional peripheral device by scanning at least one document ~~a scanner~~, the method comprising:

inputting a scan start command through a manipulator of the multi-functional peripheral device for the at least one document;

performing a pre-scanning operation at a first predetermined resolution and speed until a current scanning area is located in a starting location of a first ~~of the scanner at a first predetermined resolution and speed according to a scan command until a current scanning area is located in a~~ main-scan area;

stopping the pre-scanning operation ~~of the scanner~~ when the current scanning area is located in the starting location of the first main-scan area; and

starting a main-scanning operation at a second predetermined resolution and speed from the starting location of the first main-scan area:

performing a the main-scanning operation ~~of the scanner, comprising resuming a scanning operation of the scanner at a second predetermined resolution and speed in response to the stopping the pre-scanning operation,~~ until the current scanning area is ~~beyond the main-scan area, after the current scanning area has been~~ located in an ending location of the first main-scan area; and ~~the main-scan area,~~

~~wherein said~~ performing the pre-scanning operation until the current scanning area is located in an ending location of a physical scan area of the multi-functional peripheral device or a starting location of a second main-scan area, when the current scanning area is beyond the ending location of the first main-scan area,

wherein the pre-scanning operation and the main-scanning operation are performed according to the one-time scan start command, and the ending location of the physical scan area is determined by using white data ~~and said performing the main-scanning operation~~

~~comprise determining whether white data exists for each line of a document to be scanned and counting a number of white lines of the white data~~.

2. (CANCELLED)

3. (ORIGINAL) The method of claim 1, wherein said performing a main-scanning operation comprises scanning a document sensed during the pre-scanning operation to generate image data of the document.

4. (ORIGINAL) The method of claim 1, further comprising inputting a number of documents for which image data are to be generated.

5. (ORIGINAL) The method of claim 4, further comprising, if the number of documents input is one, ending scanning of the document after said performing a main-scanning operation ends.

6. (ORIGINAL) The method of claim 4, further comprising, if the number of documents input is two or more, sensing a starting portion of a subsequent document after said performing a main-scanning operation ends by repeating said performing a pre-scanning operation.

7. (CANCELED)

8. (CURRENTLY AMENDED) A method of scanning <u>a</u> documents <u>to generate image data of the document using a multi-functional peripheral device by scanning one or more documents, the method</u> ~~using a scanner,~~ comprising:
    placing one or more documents to be scanned within a physical scan area;
    <u>inputting a scan start command through a manipulator of the multi-functional peripheral device for the documents placed on the physical scan area;</u>
    performing a pre-scanning operation <u>at a first predetermined resolution and speed until a current scanning area is located in a starting location of a main-scan area of a first document</u> ~~of the scanner until a beginning of one~~ of the documents ~~is sensed~~;
    stopping the pre-scanning operation <u>when the current scanning area is located at the starting location of the main-scan area of the first</u> ~~of the scanner when the beginning of one of~~

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~~the~~ documents ~~is sensed; and~~

starting a main-scanning operation at a second predetermined resolution and speed from the starting location of the main-scan area of the first document;

performing a~~the~~ main-scanning operation until the current scanning area is located in an ending location of the main-scan area of the first ~~of the scanner, comprising resuming a scanning operation of the scanner in response to the stopping the pre-scanning operation, until an end of the one~~ of the documents ~~is sensed~~; and

after performing the main-scanning operation until the ending location of the main-scan area of the first document, sequentially repeating the performing the pre-scanning operation, the stopping the pre-scanning operation, and the performing the main-scanning operation on the remaining documents of the documents until the current scanning area is located in the physical scan area,

~~repeating said performing a pre-scanning operation and said performing a main-scanning operation until a bottom of the physical scan area is reached, thereby scanning the physical scan area once,~~

wherein the ~~said~~ performing the pre-scanning operation, ~~and said performing~~ the ~~main-scanning operation comprise determining whether white data exists for each line of a document to be scanned and counting a number of white lines of the white data~~ stopping the pre-scanning operation, the starting the main-scanning operation, the performing the main-scanning operation, and the sequentially repeating are performed according to the one-time scan start command, and the ending location of the physical scan area is determined by using white data.

9. (CURRENTLY AMENDED) A multi-functional peripheral device ~~scan system~~ for scanning a document, the multi-functional peripheral device comprising:

one or more documents placed on a physical scan area of the multi-functional peripheral device ~~to be scanned within a physical scan area~~;

a manipulator for inputting a scan start command for the documents placed on the physical scan area;

a scanner comprising an optical system for outputting an electric signal by photoelectric transforming density of the documents placed on the physical scan area according to the scan start command, and an image processor for converting the electric signal output from the optical system into digital image data; ~~which performs a pre-scanning operation at a first predetermined resolution and speed by moving in a predetermined direction until a current scanning area is located in a main-scan area and stopping the pre-scanning operation when the~~

~~scanning area is located in the main-scan area, and which performs a main-scanning operation at a second predetermined resolution and speed, until the current scanning area is beyond the main-scan area, by resuming the moving in the predetermined direction, after the current scanning area has been located in the main-scan area; and~~

a controller controlling the ~~operation of the~~ scanner so as to perform a pre-scanning operation at a first predetermined resolution and speed until a current scanning area is located in a starting location of a first main-scan area, stop the pre-scanning operation when the current scanning area is located in the starting location of the first main-scan area, start a main-scanning operation at a second predetermined resolution and peed from the starting location of the first main-scan area, perform the main-scanning operation until the current scanning area is located in an ending location of the first main-scan area, and perform the pre-scanning operation until the current scanning area is located in an ending location of a physical scan area of the multi-functional peripheral device or a starting location of a second main-scan area, when the current scanning area is beyond the ending location of the first main-scan area,

wherein the ~~scanner, during the performing the~~ pre-scanning operation and ~~said~~ ~~performing~~ the main-scanning operation are performed according to the one-time scan start command, and the ending location of the physical scan area is determined by using, ~~determines~~ ~~whether white data exists for each line of a document to be scanned and counts a number of~~ ~~white lines of the~~ white area.

10. (CURRENTLY AMENDED) The multi-functional peripheral device ~~scanner~~ of claim 9, wherein the first predetermined resolution and speed are set by a user or set depending on characteristics of the scanner.

11. (CURRENTLY AMENDED) The multi-functional peripheral device~~scanner~~ of claim 9, wherein the speed of the pre-scanning operation is greater than the speed of the main-scanning operation.

12. (CURRENTLY AMENDED) The ~~scanner~~ multi-functional peripheral device of claim 9, wherein a size of a document to be scanned is the same size as a business card.

13. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the performing of the pre-scanning operation comprises performing the pre-scanning operation without displaying a scanned area to a user.

14. (PREVIOUSLY PRESENTED) The method of claim 2, wherein the sensing comprises automatically sensing.

15. (NEW)   The method of claim 1, further comprising storing or printing image data obtained through the main-scanning operation.

16. (NEW)   The multi-functional peripheral device of claim 9, wherein image data obtained through the main-scanning operation is stored in a memory or printed through a printer.